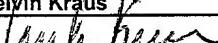
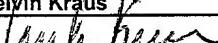
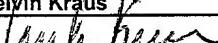


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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<b>Attorney Docket No.</b> 500.41021X00 <b>First Inventor</b> KONISHI, YOSHIHARU <b>Title</b> HANDLING SYSTEM AND DEVICE FOR DETERMINING A STATE OF A SLIP <b>Express Mail Label No.</b>																						
<b>APPLICATION ELEMENTS</b> <i>SEE MPEP chapter 600 concerning utility patent application contents.</i>		Assistant Commissioner for Patents <b>ADDRESS TO:</b> Box Patent Application Washington, DC 20231																						
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)  <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status.  See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <span style="border: 1px solid black; padding: 2px;">[Total Pages: 28]</span>  <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"> <li>-Descriptive title of the invention</li> <li>-Cross Reference to Related Applications</li> <li>-Statement Regarding Fed sponsored R &amp; D</li> <li>-Reference to sequence listing, a table, or a computer program listing appendix</li> <li>-Background of the Invention</li> <li>-Brief Summary of the Invention</li> <li>-Brief Description of the Drawings (<i>if filed</i>)</li> <li>-Detailed Description</li> <li>-Claim(s)</li> <li>-Abstract of the Disclosure</li> </ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="border: 1px solid black; padding: 2px;">[Total Pages: 5]</span></p> <p>5. Oath or Declaration <span style="border: 1px solid black; padding: 2px;">[Total Pages: _____]</span></p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d))  <i>(for continuation/divisional with Box 18 completed)</i></p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b>  Signed statement attached deleting inventor(s)  Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet See 37 CFR 1.76</p> <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  <input type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.:</p> <p><i>Prior application information:</i> Examiner: _____ Group Art Unit: _____</p> <p><b>For CONTINUATION OR DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> <p>19. CORRESPONDENCE ADDRESS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 5px;"> <input checked="" type="checkbox"/> Customer Number or Bar Code Label  <i>(Insert Customer No. or Attach bar code label here)</i> </td> <td style="width: 40%; padding: 5px; text-align: center;">  </td> <td style="width: 30%; padding: 5px;"> <input type="checkbox"/> Correspondence address below </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> Name ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP </td> </tr> <tr> <td colspan="3" style="padding: 5px;"> Address </td> </tr> <tr> <td style="width: 30%; padding: 5px;"> City </td> <td style="width: 20%; padding: 5px;"> State </td> <td style="width: 50%; padding: 5px;"> Zip Code </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> Country </td> <td style="padding: 5px;"> Telephone (703) 312-6600 </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> Name Melvin Kraus </td> <td style="padding: 5px;"> Fax (703) 312-6666 </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> Signature  </td> <td style="padding: 5px;"> Date December 21, 2001 </td> </tr> </table>				<input checked="" type="checkbox"/> Customer Number or Bar Code Label <i>(Insert Customer No. or Attach bar code label here)</i>		<input type="checkbox"/> Correspondence address below	Name ANTONELLI, TERRY, STOUT & KRAUS, LLP			Address			City	State	Zip Code	Country		Telephone (703) 312-6600	Name Melvin Kraus		Fax (703) 312-6666	Signature 		Date December 21, 2001
<input checked="" type="checkbox"/> Customer Number or Bar Code Label <i>(Insert Customer No. or Attach bar code label here)</i>		<input type="checkbox"/> Correspondence address below																						
Name ANTONELLI, TERRY, STOUT & KRAUS, LLP																								
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Name Melvin Kraus		Fax (703) 312-6666																						
Signature 		Date December 21, 2001																						

**Burden Hour Statement:** This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 974.00)

Complete if Known	
Application Number	
Filing Date	December 21, 2001
First Named Inventor	KONISHI, YOSHIHARU
Examiner Name	
Group Art Unit	
Attorney Docket No.	500.41021X00

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit overpayments to:  
Deposit Account Number 01-2135  
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP  
 Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
 Applicant Claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed: Check  Credit Card  Money Order  Other

## FEE CALCULATION

## 2. BASIC FILING FEE

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee
106	330	206	165	Design filing fee
107	510	207	255	Plant filing fee
108	740	208	370	Reissue filing fee
114	160	214	80	Provisional filing fee
SUBTOTAL (1)				740.00

## 1. EXTRA CLAIM FEES

Total Claims	33 -20** = 13	Extra Claims	Fee from below	Fee Paid
			x 18	= 234.00

Indep. Claims	2-3** = 0	Extra Claims	Fee from below	Fee Paid
			x 84	= 0

Multiple Dependent	280	Fee Paid
		= 0

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203	9
			Claims in excess of 20
102	84	202	42
			Independent claims in excess of 3
104	280	204	140
			Multiple dependent claim, if not paid
109	84	209	42
			** Reissue independent claims over original patent
110	18	210	9
			** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$ 234.00			

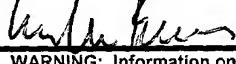
\*\*or number previously paid, if greater; For Reissues, see above.

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge – late filing fee or oath
127	50	227	25	Surcharge – late provisional filing fee or cover sheet
139	130	139	130	Non-English specification
147	2,520	147	2,520	For filing a request for ex parte reexamination
112	920*	112	920*	Requesting publication of SIR prior to Examination action
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action
115	110	215	55	Extension for reply within first month
116	400	216	200	Extension for reply within second month
117	920	217	460	Extension for reply within third month
118	1,440	218	720	Extension for reply within fourth month
128	1,960	228	980	Extension for reply within fifth month
119	320	219	160	Notice of Appeal
120	320	220	160	Filing a brief in support of an appeal
121	280	221	140	Request for oral hearing
138	1,510	138	1,510	Petition to institute a public use proceeding
140	110	240	55	Petition to revive – unavoidable
141	1,280	241	640	Petition to revive – unintentional
142	1,280	242	640	Utility issue fee (or reissue)
143	460	243	230	Design issue fee
144	620	244	310	Plant issue fee
122	130	122	130	Petitions to the Commissioner
123	50	123	50	Processing fee under 37 CFR 1.17(q)
126	180	126	180	Submission of Information Disclosure Stmt
581	40	581	40	Recording each patent assignment per property (times number of properties)
146	740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))
179	740	279	370	Request for Continued Examination (RCE)
169	900	169	900	Request for expedited examination of a design application
Other fee (specify) _____				

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Melvin Kraus	Registration No (Attorney/Agent)	22,466	Telephone	703-312-6600
Signature				Date	December 21, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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